

PLANT LIST

SYM.	QTY.	SCIENTIFIC NAME	COMMON NAME	SIZE	ROOT
PROPOSED NATIVE SHADE TREES					
AFA	2	ACER X FREEMANII 'ARMSTRONG'	ARMSTRONG RED MAPLE	2.5'-3" CAL.	B&B
AF	3	ACER X FREEMANII 'AUTUMN BLAZE'	AUTUMN BLAZE RED MAPLE	2.5'-3" CAL.	B&B
AR	4	ACER RUBRUM	RED MAPLE	2.5'-3" CAL.	B&B
QP	3	QUERCUS PALUSTRIS	PIN OAK	2.5'-3" CAL.	B&B
TOTAL	12				
PROPOSED EVERGREEN TREES					
TP	29	THUJA PLICATA 'GREEN GIANT'	GREEN GIANT ARBORVITAE	10'-12' HT.	B&B
PA	6	PICEA ABIES	NORWAY SPRUCE	10'-12' HT.	B&B
TOTAL	35				
PROPOSED NATIVE FLOWERING TREES					
CF	3	CORNUS FLORIDA	FLOWERING DOGWOOD	8'-10' HT.	B&B
TOTAL	3				
PROPOSED NATIVE SHRUBS					
CS	5	CORNUS SERICEA	RED TWIG DOGWOOD	2'-3' HT.	CONTAINER
IV	6	ILEX VERTICILLATA	WINTERBERRY	2'-3' HT.	CONTAINER
MP	24	MYRICA PENSYLVANICA	NORTHERN BAYBERRY	2'-3' HT.	CONTAINER
RA	77	RHUS AROMATICA 'GRO-LOW'	GRO-LOW FRAGRANT SUMAC	15'-18" SPD.	CONTAINER
TOTAL	112				
PROPOSED NATIVE PERENNIALS AND GRASSES					
CP	700	CAREX PENSYLVANICA	PENNSYLVANIA SEDGE GRASS	QUART	CONTAINER
PV	461	PANICUM VIRGATUM 'SHENANDOAH'	SHENANDOAH SWITCHGRASS	QUART	CONTAINER
TOTAL:	1,161				
PROPOSED MEADOW MIXES					
PROPOSED NATIVE WILDFLOWER MEADOW: 'NEW ENGLAND SHOWY WILDFLOWER MIX' AS PRODUCED BY NEW ENGLAND WETLAND PLANTS (WWW.NEWP.COM). APPLIED AT A RATE OF 1LB/1,900 SQAURE FEET.					
PROPOSED NATIVE WETLAND MEADOW: 'NEW ENGLAND WETMIX' AS PRODUCED BY NEW ENGLAND WETLAND PLANTS (WWW.NEWP.COM). APPLIED AT A RATE OF 1LB/2,500 SQAURE FEET.					

GENERAL NOTES

- UNLESS NOTED OTHERWISE, EXISTING AND ALL OTHER PROPOSED CONDITIONS INFORMATION TAKEN FROM A DRAWING PREPARED BY REDNISS & MEAD, INC.
- PROPOSED PLANTING INFORMATION PROVIDED BY WILLIAM KENNY ASSOCIATES LLC.

LEGEND

- EXISTING CONTOUR
- PROPOSED CONTOUR
- PROPOSED SPOT GRADE
- PROPERTY BOUNDARY
- ADJACENT PROPERTY BOUNDARY
- WETLAND BOUNDARY
- WATERCOURSE
- EASEMENT BOUNDARY
- EXISTING UTILITIES
- EXISTING FENCE
- EXISTING WALL
- PROPOSED WALL
- EXISTING FOREST CANOPY
- EXISTING ARBORVITAE HEDGE (APPROXIMATE LOCATION)
- EXISTING TREE
- EXISTING TREE TO BE REMOVED
- PROPOSED NATIVE SHADE TREE
- PROPOSED EVERGREEN TREE
- PROPOSED NATIVE SHRUB
- PROPOSED NATIVE PERENNIALS AND GRASSES
- PROPOSED NATIVE WILDFLOWER MEADOW
- PROPOSED NATIVE WETLAND MEADOW
- EXISTING LAWN & OTHER VEGETATION TO REMAIN
- EXISTING LIGHT FIXTURES TO REMAIN
- PROPOSED WALL MOUNTED LIGHT FIXTURES
- PROPOSED POLE MOUNTED LIGHT FIXTURES

PLANTING PLAN

PREPARED FOR:
FELIX F. CALLARI, INC
LOCATION:
**136-140 LEDGE ROAD
DARIEN, CONNECTICUT**

DATE: OCTOBER 28, 2020

SCALE: | 0' | 15' | 30'

REF. NO. 4365



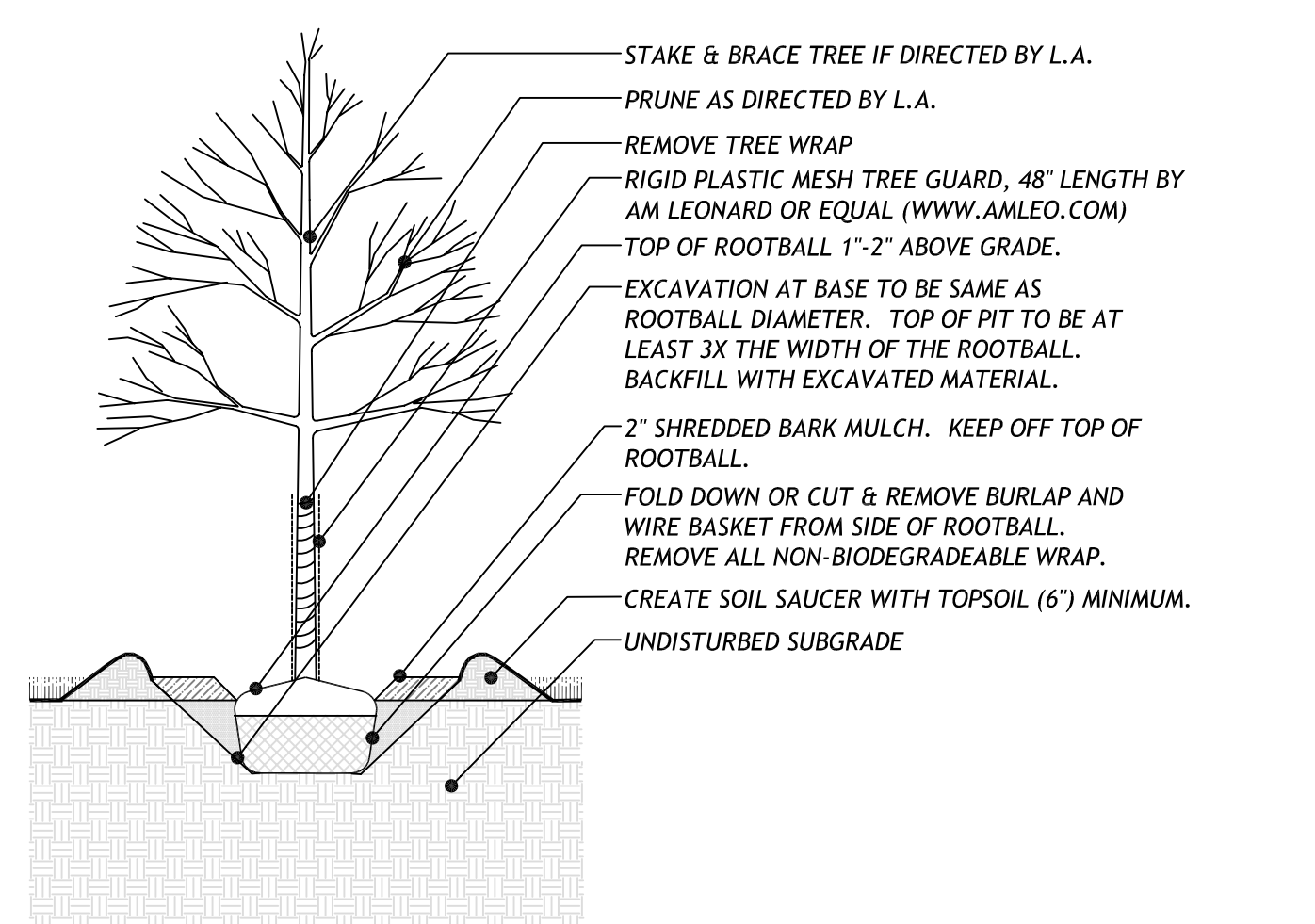
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1 of 2

WILLIAM KENNY
ASSOCIATES LLC
SOIL SCIENCE
ECOLOGICAL SERVICES
LAND USE PLANNING
LANDSCAPE ARCHITECTURE

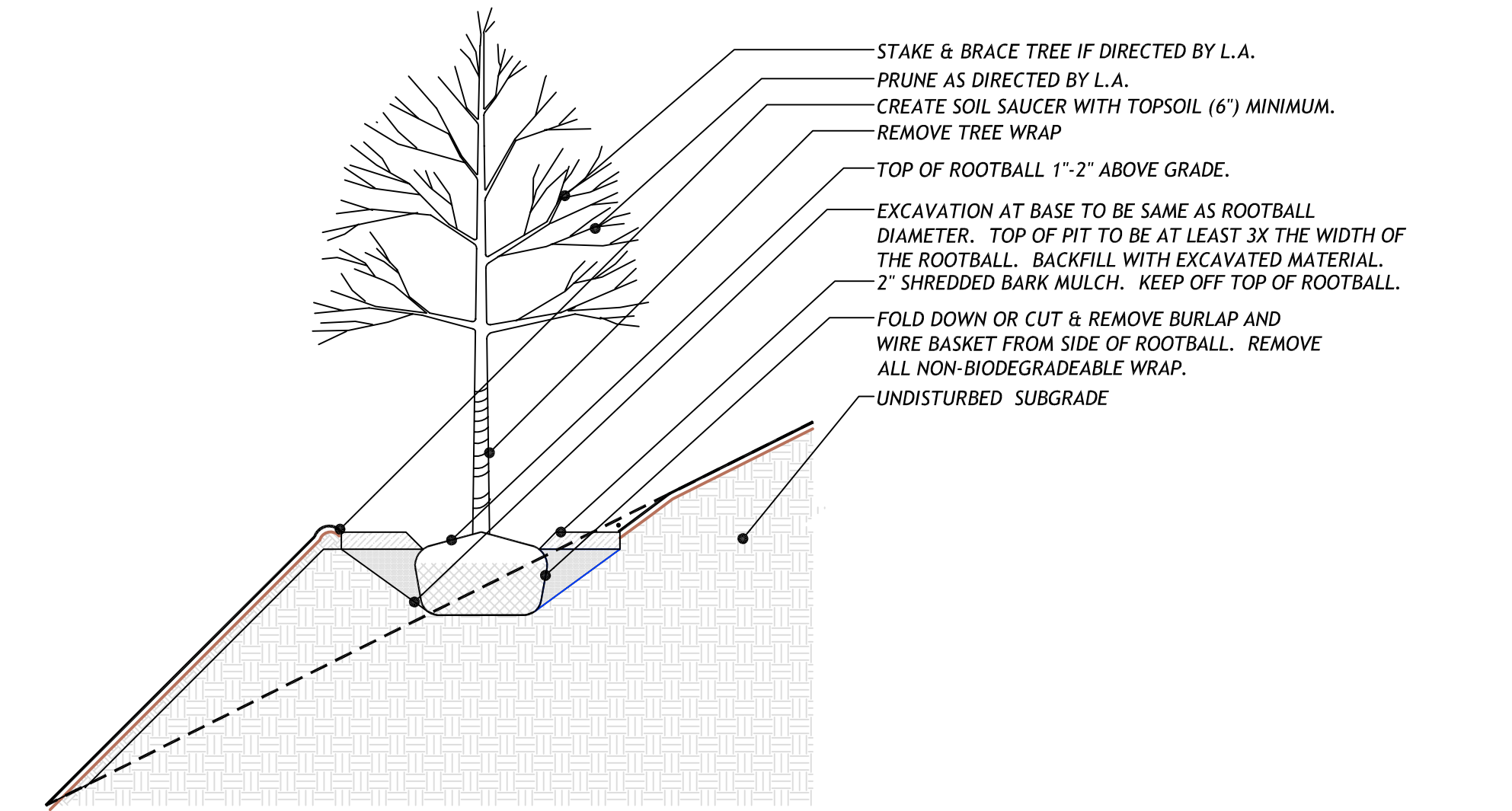
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**MANMADE STORMWATER
WETLAND AND BUFFER TO BE
ENHANCED.**
• INVASIVE SHRUBS, VINES & GROUNDCOVERS TO
BE CONTROLLED (I.E. JAPANESE KNOTWEED &
ORNAMENTAL BITTERSWEET).
• EXISTING VEGETATION TO BE CLEANED OF
DEAD WOODY DEBRIS AND INVASIVE VINES.
• NATIVE SHRUBS & MEADOW PLANTS TO BE
ESTABLISHED.

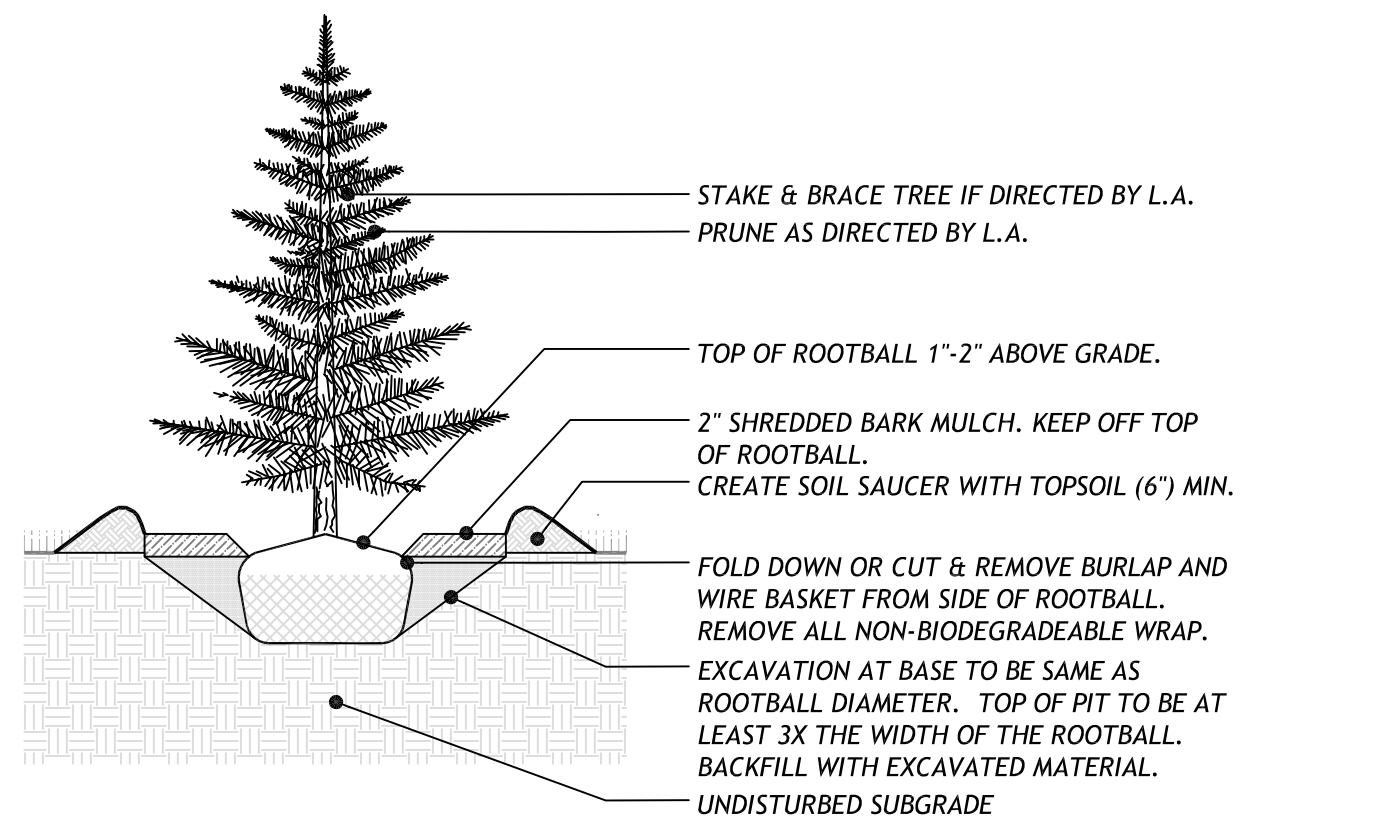
TREE PLANTING DETAIL NOT TO SCALE



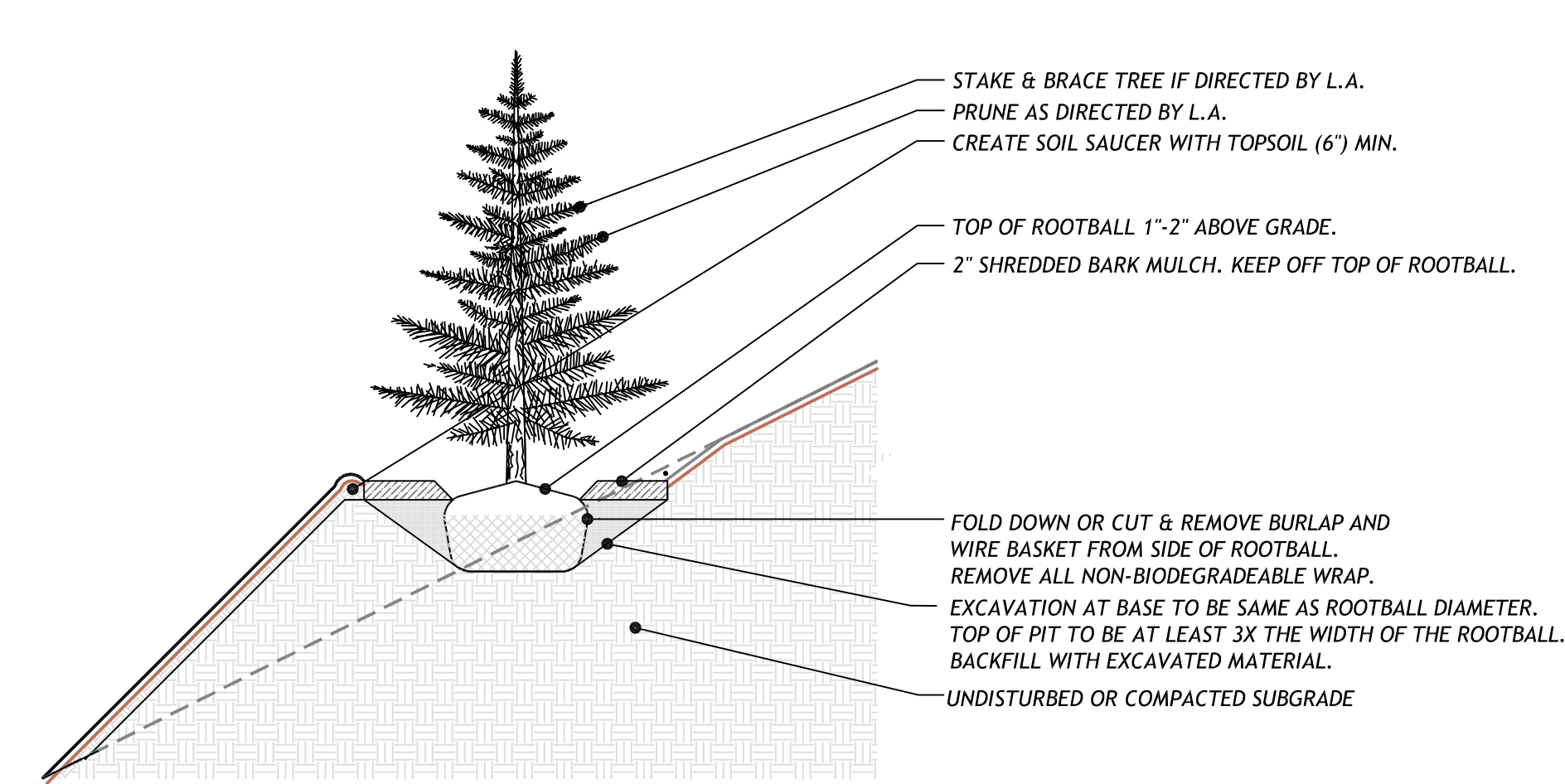
TREE PLANTING DETAIL (ON SLOPE) NOT TO SCALE



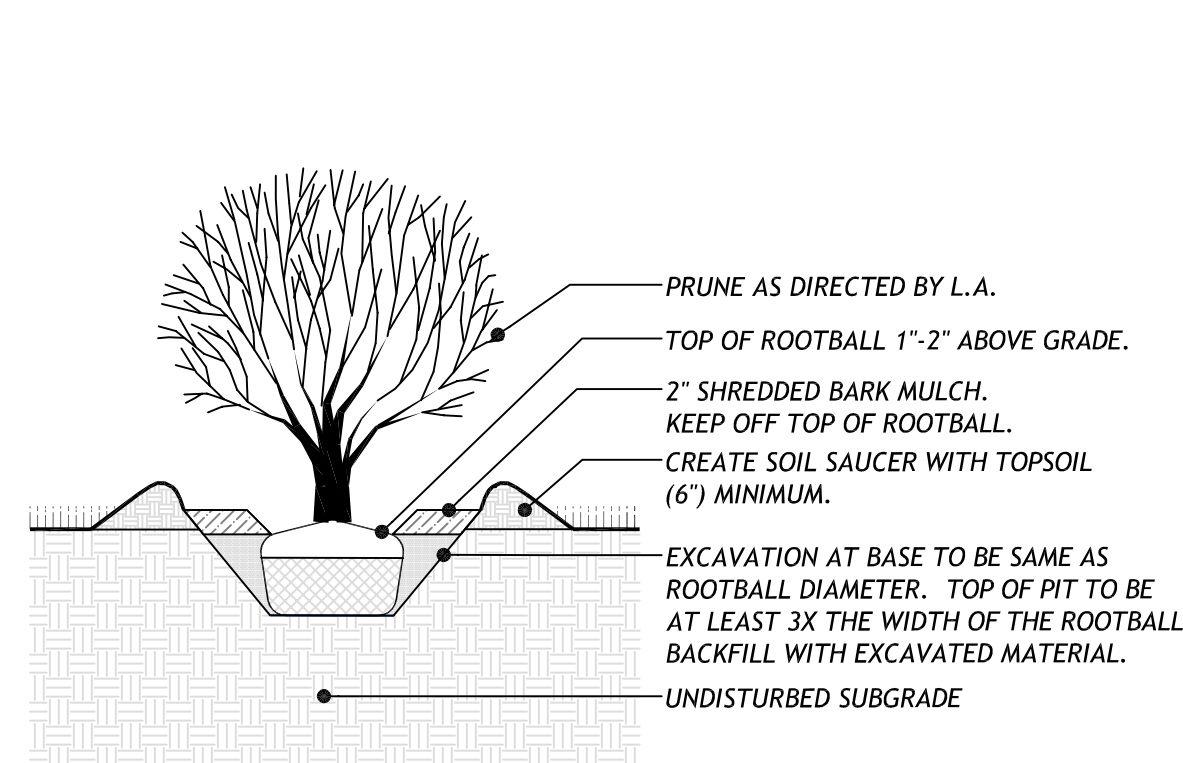
EVERGREEN TREE PLANTING DETAIL NOT TO SCALE



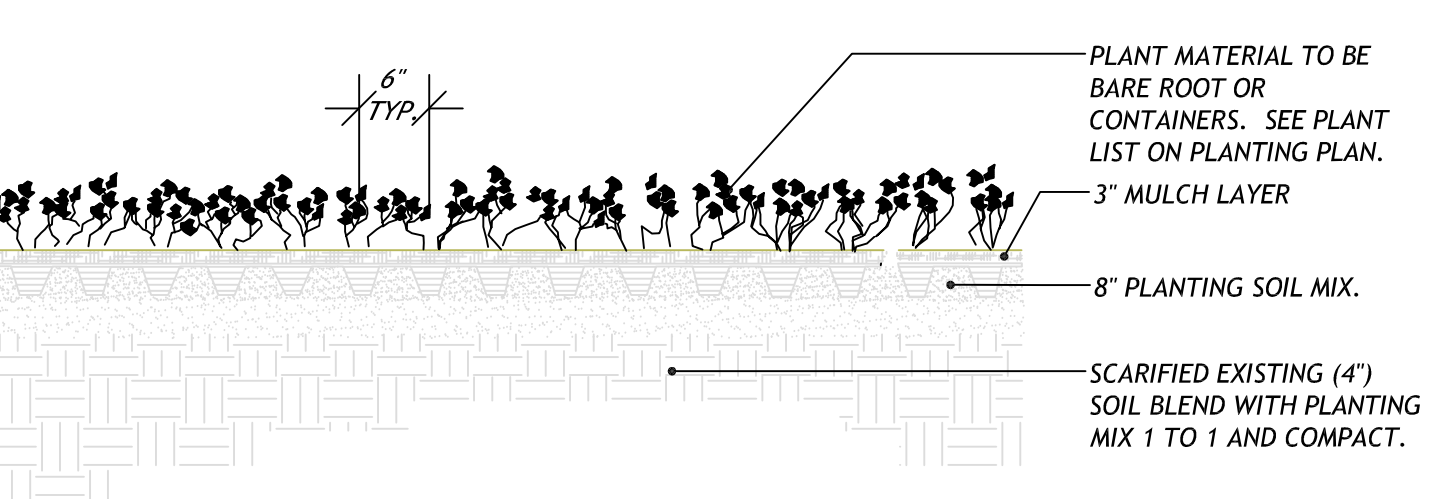
EVERGREEN TREE PLANTING DETAIL (ON SLOPE) NOT TO SCALE



SHRUB PLANTING DETAIL NOT TO SCALE



GROUNDCOVER PLANTING DETAIL NOT TO SCALE



MANMADE STORMWATER WETLAND & BUFFER ENHANCEMENT

OBJECTIVES:

1. CONTROL THE GROWTH OF INVASIVE PLANT SPECIES AND FOSTER THE GROWTH OF NATIVE PLANT SPECIES IN A MANNER THAT BENEFICIALLY AFFECTS THE STORMWATER WETLAND AND BUFFER AREA.
2. INVASIVE PLANT SPECIES WILL BE CONTROLLED VIA THE REMOVAL OF INVASIVE VEGETATION AND THE INSTALLATION OF NATIVE VEGETATION. INVASIVE PLANT SPECIES TO BE REMOVED INCLUDE JAPANESE KNOTWEED AND ORIENTAL BITTERSWEET VINE. NATIVE PLANTS WILL BE INSTALLED AT A DENSITY THAT WILL ENSURE SOIL STABILIZATION AND COVER.

MANAGEMENT METHODS:

1. INVASIVE PLANTS CONTROL: THE PROPOSED METHODS FOR CONTROLLING THE TARGET INVASIVE PLANTS INCLUDE VEGETATION CUTTING, ROOT-SYSTEM EXTRACTION, CONTROLLED HERBICIDE APPLICATIONS AND THE PLANTING OF NATIVE VEGETATION.
 - 1.1. VEGETATION CUTTING AND REMOVAL WILL BE COMPLETED VIA THE USE OF HAND TOOLS AND LOW-GROUND-PRESSURE TRACK VEHICLES TO MINIMIZE SOIL COMPACTION.
 - 1.2. ROOT-SYSTEM OF WOODY PLANTS WILL BE EXTRACTED VIA THE USE OF A "WEED WRENCH" OR SIMILAR TOOL. ROOT EXTRACTION WILL NOT BE USED ON VEGETATION THAT SPREADS AGGRESSIVELY VIA RHIZOMES OR STOLONS (E.G. JAPANESE KNOTWEED).
 - 1.3. CONTROLLED APPLICATIONS OF HERBICIDES ARE PROPOSED TO ENSURE THAT THE INVASIVE CONTROL PLAN OBJECTIVES ARE ACHIEVED WHILE THE POTENTIAL FOR ENVIRONMENTAL IMPACTS ARE MINIMIZED. HERBICIDES WILL BE USED IN ACCORDANCE WITH LABEL REQUIREMENTS AND IN A MANNER THAT MINIMIZES POTENTIAL NON-TARGET EFFECTS BASED ON THE BEST AVAILABLE SCIENCE. THE HERBICIDES WILL BE NON-PERSISTENT AND WILL NOT BIOACCUMULATE. WHERE FEASIBLE, THE HERBICIDES WILL BE SELECTIVE. ONLY PROPERLY TRAINED AND LICENSED PERSONNEL WILL APPLY THE HERBICIDES. THE HERBICIDES WILL BE SECURELY STORED, HANDLED AND DISPOSED OF IN A MANNER CONSISTENT WITH ALL FEDERAL, STATE AND LOCAL REQUIREMENTS.
2. A VARIETY OF NATIVE SHRUBS AND A SEEDED MEADOW PLANTS WILL BE INSTALLED TO COMPETE WITH THE INVASIVE PLANTS AND REDUCE THE POTENTIAL FOR THE INVASIVE PLANTS TO THRIVE. THE NATIVE PLANTS WILL PROVIDE A DENSE GROUNDCOVER GROWTH, WHICH WILL REDUCE THE POTENTIAL FOR THE SEEDS OF INVASIVE PLANTS TO REACH THE SOIL SURFACE AND GERMINATE AND THEREBY REDUCE THE GROWTH AND ABUNDANCE OF INVASIVE PLANTS.

MANAGEMENT SEQUENCE:

1. YEAR ONE
 - 1.1. OBTAIN REVIEW AND FLAGGING BY PROJECT WETLAND SCIENTIST OF NATIVE VEGETATION TO REMAIN AND BE PROTECTED AND VEGETATION THAT WILL BE REMOVED.
 - 1.2. CUT ABOVE GROUND GROWTH OF VEGETATION TO BE REMOVED, EXCLUDING VEGETATION IDENTIFIED BY THE PROJECT WETLAND SCIENTIST TO REMAIN. REMOVE CUT WOOD DEBRIS FROM AREA TO ENSURE MAXIMUM SUCCESS OF SEEDING.
 - 1.3. AFTER REGROWTH OF PLANT STEMS AND LEAVES AND BEFORE SENESCENCE IN THE FALL AND IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL LAWS, SELECTIVELY APPLY A SYSTEMIC HERBICIDE TO THE FOLIAGE AND STEMS OF INVASIVE VEGETATION. DO NOT APPLY HERBICIDE TO WOODY VEGETATION FLAGGED TO REMAIN.
 - 1.4. ESTABLISH A TEMPORARY VEGETATIVE COVER IN AREAS OF EXPOSED SOIL BY SEEDING WITH ANNUAL RYE AND MULCHING WITH HAY OR STRAW.
2. YEAR TWO
 - 2.1. REPEAT METHODS AND SCHEDULE OF YEAR ONE ACTIVITIES.
 - 2.2. AT LEAST ONE WEEK FOLLOWING THE APPLICATION OF THE HERBICIDE AND BEFORE OCTOBER 1, PREPARE THE SOIL SURFACE FOR SEEDING. REMOVE DEAD LEAVES AND STEMS FROM THE SOIL SURFACE.
 - 2.3. PLANT SEED USING A NO-TILL DRILL SEEDER SUCH AS TRUAX SEEDER OR USING A BROADCAST SEEDER. ENSURE GOOD SEED-TO-SOIL CONTACT.
3. LONG-TERM MAINTENANCE BEYOND YEAR TWO:
 - 3.1. MOW MEADOW AREAS TO PREVENT ESTABLISHMENT OF WOODY VEGETATION. MOWING SHALL OCCUR NO MORE THAN ONCE ANNUALLY IN THE LATE WINTER OR EARLY SPRING.
 - 3.2. ANNUALLY INVENTORY THE HABITAT ENHANCEMENT AREA TO DETERMINE EXISTENCE AND PREVALENCE OF INVASIVE PLANT SPECIES.
 - 3.3. TO ENSURE THAT THE OBJECTIVES OF THIS PLAN ARE ACHIEVED AND MAINTAINED, CONTROL INVASIVE PLANTS ACCORDING TO MANAGEMENT SEQUENCE 2 AND 3 OF THIS PLAN.

PLANTING NOTES

1. PROPOSED TREE AND SHRUB LOCATIONS TO BE ADJUSTED IN FIELD AS NEEDED BASED ON FIELD CONDITIONS.
2. PLANT SPACING FOR HERBACEOUS MATERIAL TO BE 24" O.C.
3. BOTANICAL NAMES SHALL PREVAIL OVER COMMON NAMES.
4. ALL PLANT MATERIAL SHALL BE NURSERY GROWN; NO COLLECTED MATERIALS SHALL BE ACCEPTED, UNLESS SPECIFICALLY INDICATED.
5. PLANTS SHALL CONFORM TO THE AMERICAN ASSOCIATION OF NURSERYMEN STANDARDS IN ALL WAYS INCLUDING DIMENSIONS.
6. THE LANDSCAPE ARCHITECT HAS THE RIGHT TO REJECT ANY PLANT MATERIALS UPON DELIVERY TO THE PROJECT. SELECTION BY THE LANDSCAPE ARCHITECT DOES NOT WAIVE THE RIGHT OF REJECTION.
7. ALL REPLACEMENTS SHALL BE PLANTS OF THE SAME KIND AND SIZE AS SPECIFIED IN THE PLANT LIST OR AS NECESSARY TO MATCH SURVIVING PLANTS OF THE SAME PLANTING GROUP. ALL COSTS SHALL BE BORN BY THE LANDSCAPE CONTRACTOR EXCEPT FOR REPLACEMENTS RESULTING FROM LOSS OR DAMAGE DUE TO VANDALISM OR ACTS OF NEGLIGENCE ON THE PART OF OTHERS, PHYSICAL DAMAGE, BY ANIMALS, VEHICLES, FIRE, ETC., AS MAY BE DETERMINED BY THE LANDSCAPE ARCHITECT.
8. ALL PLANT MATERIAL SHOULD BE PLACED, OR LOCATION STAKED, ON THE SITE AS SHOWN ON THE PLANTING PLAN PRIOR TO COMMENCEMENT OF PLANT EXCAVATION FOR THE LANDSCAPE ARCHITECT'S APPROVAL. THE CONTRACTOR MUST NOTIFY THE LANDSCAPE ARCHITECT OF ALL PLANTING OPERATIONS A MINIMUM OF 48 HOURS IN ADVANCE.
9. ALL PLANT MATERIALS SHALL BE BALLED AND BURLAPPED OR CONTAINER GROWN OR AS OTHERWISE SPECIFIED. NO CONSTRUCTED BALLS SHALL BE ACCEPTED. REMOVE SYNTHETIC 'BURLAP' AND SYNTHETIC TWINES AND ROPES. REMOVE TOP 1/3 OF METAL BASKETS FROM ROOT BALLS WHEN THE ROOT BALL HAS BEEN POSITIONED IN THE PLANTING PIT. PROVIDE SUPPORT AS NECESSARY TO PROTECT THE ROOT BALL FROM INJURY DURING THIS OPERATION.
10. TO PREVENT DAMAGE FROM WHITE TAILED DEER BROWSE, THE TREES, SHRUBS AND GROUNDCOVERS SHALL BE PROTECTED AS NEEDED WITH APPLICATIONS OF DEER REPELLENT OR WITH TEMPORARY FENCING UNTIL WELL ESTABLISHED.

PLANTING DETAILS & SPECIFICATIONS

PREPARED FOR:

FELIX F. CALLARI, INC

LOCATION:

136-140 LEDGE ROAD
DARIEN, CONNECTICUT

DATE: OCTOBER 28, 2020

SCALE: AS NOTED

REF. NO. 4365

DRAWING NO:

2 of 2

WILLIAM KENNY
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LANDSCAPE ARCHITECTURE

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